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UNIVERSITY OF ALBERTA

folio

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Price earns University Cup

Celebration of Teaching and Learning honours students and scholars

By Ryan Smith

The University of Alberta capped off its annual Celebration of Teaching and Learning this year with the announcement of a new scholarship for native studies.

The Dean's Citation in the School of Native Studies is being made possible by Chancellor Eric Newell. Over the next few years, Newell will establish a \$250,000 endowment to fund an annual scholarship of \$10,000 in perpetuity. The first recipient is to be named at next year's Celebration of Teaching and Learning.

This year's event, led off by a colourful procession of dignitaries, including U of A President Dr. Rod Fraser and Alberta's Lieutenant-Governor Lois Hole, recognized the hard work and dedication of the university's teachers and students.

At the top of the awards list was Dr. Mick Price, who, after 30 years of inspiring students at the U of A, has earned the University Cup, the top honour the U of A confers on its faculty members.

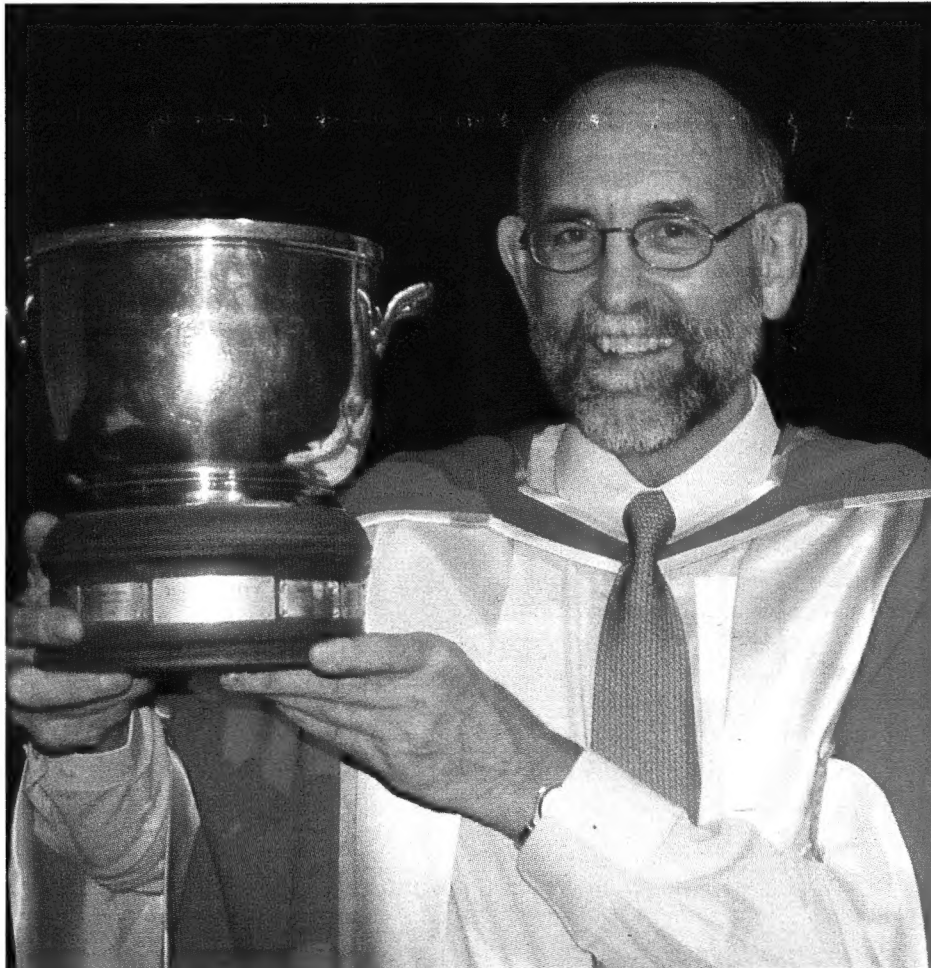
"Dr. Price has an amazing ability to bring out the best in his students – I still remember how much he impressed me when I was his student many years ago," said Dr. John Kennelly, dean of the U of A Faculty of Agriculture, Forestry and Home Economics.

"Dr. Price is a wonderful person. He's friendly and has a great sense of humour, but I think he shines as a teacher because he works so hard and really cares about his students and the subject matter that he teaches."

A past winner of other prestigious teaching honours, including a national 3M Teaching Fellowship and a U of A Rutherford Award for Excellence in Undergraduate Teaching, Price was nevertheless surprised to be awarded the University Cup.

"It's a tremendous honour – they don't give this to ordinary folks. I'm just blown away," said Price, a professor in the Department of Agricultural, Food and Nutritional Science.

Price was born on his family's farm near Herefordshire, England, during the Second World War. After completing high school, Price assumed he'd work on the farm for the rest of his life.



Dr. Mick Price, who has taught in the Faculty of Agriculture, Forestry and Home Economics for 30 years, was awarded the University Cup at this year's Celebration of Teaching and Learning. Photos of the event can be viewed online at: www.ualberta.ca/provost/CTL.cfm.

"My father was in his mid-40s then, and it didn't occur to me that he was still young and planned to work for a long time before I could take over. When that dawned on me, I wasn't sure what I would do to fill in the time."

A chance meeting with his headmaster from high school a few years after graduation led Price to a scholarship to attend an agriculture program at University College London in what was then Rhodesia (now Zimbabwe) in southern Africa. Success there led him to a graduate program at the University of New England in Australia. He eventually earned a PhD, and was offered a full-time faculty position at the university.

However, Price felt he should do a year of post-doctoral work somewhere else before settling into a position in Australia.

"I had every intention of going back, but I came to do my post-doctoral research at the U of A, and at the end of the year here they made me the proverbial offer I couldn't refuse, and I've been here ever since."

Price researches livestock growth and meat production. His priority is to enhance the long-term profitability and sustainability of farms. He especially enjoys finding inexpensive solutions to expensive problems. As an example, he cites compensatory growth, a biological

principle that means when an animal is weak or sick and therefore smaller than normal, it will, once healthy, "catch up" and grow to the size it is genetically programmed to be.

According to this principle, Price's research helped to prove that cattle don't need to be fed much during the winter, because they still grow as big by the next fall as they would have if they were fed constantly.

"Basically, you just need to keep them alive and healthy over the winter and then start feeding them regularly in the spring," he said. "It's expensive to feed cattle in the winter, in both time and resources, and this is one simple way to save money without harming the animals or the sustainability of the farm."

However, after a lifetime spent working on and studying farms, Price knows as well as anyone that success or failure for a farmer can be as fickle as the wind. A reminder of this came in 2003, when it was announced that a single cow in Alberta had been diagnosed with bovine spongiform encephalopathy (BSE).

"Our research ranch at the U of A is a fully-functioning cattle ranch and entirely reliant on our herd for financial sustenance, and that single case of BSE is costing us between \$100,000 and \$150,000 a year," he said.

Price's research is not related to BSE, but he feels the key to solving problems on a farm is to fix them at the source rather than try to address all the symptoms. "I like to simplify things by preventing problems and finding solutions before the trouble occurs."

Price estimates he has taught and supervised more than 3,000 undergraduate and graduate students, and says they form something of an extended family to him. But for all the lives he has enriched at the U of A, Price says he is the most grateful one, for having been here.

"It's been such a joy for me to come to work every day. I've often said that I can't believe they pay me to do this, and I really mean it. Of course, you need money to pay the mortgage and such, but, honestly, I'd have happily done it for free." ■

Campus volunteers rack up nearly a decade of service in 365 days

Senate honour students, faculty and staff for community service

By Scott Lingley

Organizing one's time is a crucial skill for university students, professors and staff alike, but the volunteer community at the University of Alberta has proven itself particularly adept by squeezing more than 9-1/2 years worth of community service hours into a single year.

To celebrate this achievement and honour the groups and individuals who so generously contributed their time to volunteer projects, the U of A Senate hosted Beyond These Halls, the fourth annual community service recognition ceremony Sept. 14 at the TELUS Conference Centre.

Chancellor Eric Newell, who hosted

the event, commended the honourees for performing a combined 84,360 hours – the equivalent of 3,515 days – of volunteer work in 2003. This work, he said, affirmed the university's position not only as a leading institution of learning, but as a valuable contributor to society.

"Your work is extremely important to the University of Alberta and the external community. Your contributions as volunteers are the reason the U of A is indisputably recognized as a centre of teaching, research and community service."

United Way campaign director Tammy Thompson echoed the chancellor's remarks in presenting a special award to the Faculty of Physical Education, ARAMARK, Parking Services and the Business Students' Association for contributing 2,500 hours to the United Way's 2003 campaign that helped raise more than \$458,000.

"Volunteers from the campus community provide the means to a very important end – a healthy, vibrant community for all of us to share," Thompson said.

In accepting the Senate Exemplary Service Award, political science professor Dr. Andy Knight quipped that he felt like he was being honoured for a character flaw – "the inability to say no." Knight contributed 600 hours of volunteer time to co-ordinate activities with community groups and NGOs for improving protection to children in war-torn countries, as well as mentoring young people interested in international affairs and providing information and knowledge about international

events to the wider community.

The Student Distress Centre was also recognized with the Senate Exemplary Service Award for its work providing supportive listening, suicide prevention, crisis intervention, information and referral services to students and the campus population. The 35 students comprising the centre's volunteer force contributed 6,580 hours of community service and will receive a donation from the U of A Senate for their efforts.

Students' Union President Jordan Blatz took the podium to present the inaugural Rising Star Award, which he said was established to recognize a student who is "a source of strength, optimism and leadership" in the community. Fourth-year political science honours student Saarah Shivji accepted the award for spending 1,165 hours engaged in volunteer activities.

Shivji's list of volunteer roles is lengthy, including service as chair of the City of Edmonton Youth Council, U of A correspondent for the Edmonton Journal's NextGen page, editor of Edmonton's MOZ (Mosaic of Youth Culture) magazine, vice-chair of communications for the Ismaili Council of Edmonton, a member of the Organizing Committee for the Convention of Youth for Democratic Values and a peer tutor on campus.

Though she cited her interest in writing and her desire to see how the theories she learns about in political science work practically in the public sphere, she said it was the World Trade Center attacks and the subsequent backlash against Muslims, which occurred while she was in her first year at the U of A, that motivated her to promote a greater understanding of the faith she knew – "an Islam of peace and love."

"The work I do serving the community I do all in the name of my faith," she said.

Mansur Shivji, Saarah's father, said he encouraged his daughter's altruistic tendencies, but the extent of her community involvement is all due to her own

"The work I do serving the community I do all in the name of my faith."

– Saarah Shivji

initiative. He is a little taken aback by his daughter's ability to balance her volunteer work with her academic pursuits.

"I told her if her grades started to suffer she should cut back on her volunteer commitments, but it has never happened," he said.

Dr. Tim Caulfield was presented with the Edmonton Journal Media Relations Award by Journal editor-in-chief Allan Mayer. Caulfield, a professor in the Faculty of Law and the Faculty of Medicine and Dentistry, and research director for the Health Law Institute, said he doesn't really consider the 300 hours he donated in community service as work.

"I didn't really think of it as volunteering," he said. "I think it's part of our academic responsibility to work with media. It's part of my responsibilities to disseminate policy options and research. I suppose that takes extra hours, but I enjoy it."

Caulfield added that, in a time when there are fewer and fewer independent voices in media, it's up to the academic community to provide independent voices and enable public discussion of emerging legal and ethical issues.

In accepting the Civic Engagement Award, Anita Moore, an administrative assistant in the Department of Speech Pathology and Audiology, acknowledged her peers, both on campus and off, who support her as she juggles work and parental responsibilities with community service commitments. Moore is the board vice-chair for the City of Edmonton Community Services Advisory Board, campus co-chair for the United Way Campaign and is active in various other volunteer organizations to the tune of 650 hours a year. ■

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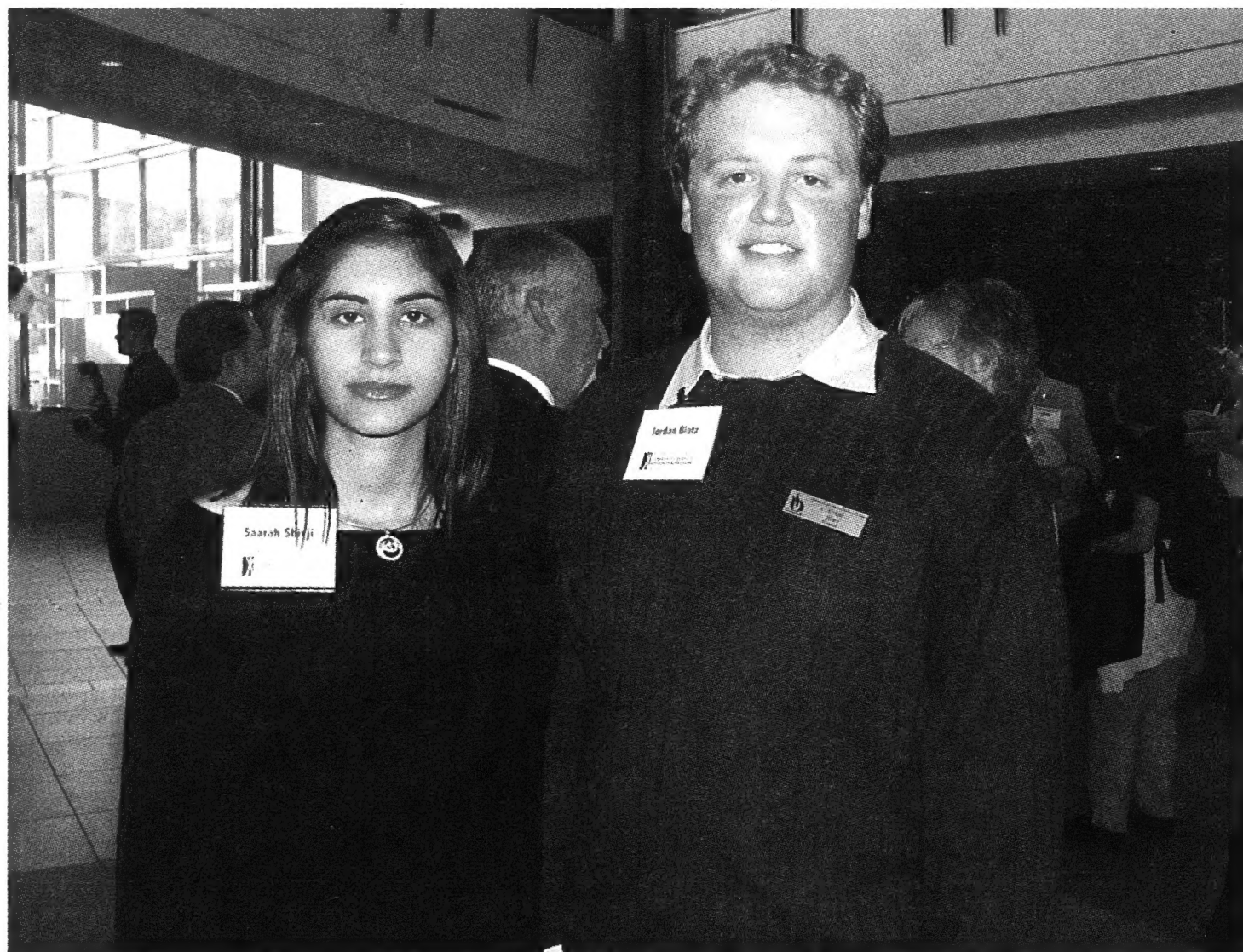
UNIVERSITY OF ALBERTA

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Rising Star Award recipient Saarah Shivji, with Students' Union President Jordan Blatz, contributed more than 1,100 hours of volunteer time, from writing for local newspapers to tutoring fellow students.

A northern research renaissance

After years dwelling on the margins, northern researchers may finally get their due

By Richard Cairney

New federal funds doled out at the beginning of the summer boosted the efforts of University of Alberta researchers and their students to study the Far North, but the financial climate for such work remained chilly. University of Alberta researchers and students were grateful for the extra funds, of course, but the \$10,000 top-up from the Natural Sciences and Engineering Research Council's supplemental funding would be used up in a heartbeat. Conducting research in the Arctic, like any other northern pursuit, is a pricey proposition.

But that funding climate may begin to thaw, if it follows an apparently rejuvenated enthusiasm for northern research. New developments over the summer months are giving northern researchers reason for optimism: For one, the federal government based the Canadian secretariat for the International Polar Year at the U of A, appointing Dr. David Hik director of the Department of Biological Sciences as of the Canadian IPY secretariat. International Polar Year in 2007-08 will be an intense, internationally co-ordinated campaign of research that will initiate a new era in polar science. The projected global IPY research budget is expected to exceed \$1 billion, with about 100 countries participating.

Secondly, the federal Northern Science Training Program (NSTP), funding, managed by the Department of Indian Affairs and Northern Development, has been hiked by about 40 per cent to \$1 million, shared by universities and colleges across Canada.

Finally, and perhaps of most local significance, the U of A has approved a new northern strategy that will encourage greater collaboration on northern research and expand the university's already formidable presence in the North.

"This is a good time for northern research," said Dr. Nancy Gibson, science director of the U of A based Canadian Circumpolar Institute. Gibson has reason to be excited about the direction of northern research. In the past year, the U of A has drafted and approved a new strategy for northern research that recognizes the interdisciplinary nature of the work and the valuable contributions of northern communities.

"It used to be that the Earth and Atmospheric Science people, the bear research guys and the health folks barely got to speak to one another but now, with northern programming a key university-wide activity, the role of the CCI is to provide support."

The U of A has a long tradition of northern research, she says, "we just needed to pull it all together."

One difference Gibson is most excited about is the fact that the university will support not only investigator-initiated research, but also research northern communities are requesting.

But she admits that funding agencies still need to get up to speed and increase funding levels.

"Quite often it's cheaper to fly from here to London, England, than it is to fly to the Yukon," she said. And with federal funding for doctoral and master's students pretty much capped at \$19,000 and \$16,000 per year, finances can discourage discovery in the North.

"It's hard enough for a student to live on that much money here," she said. "How do we expect them to live in the North on that? One of the things we are doing is talking to the tri-councils to learn about these costs."



Master's students Lindsay Towns and Emily Parks with Dr. Andrew Derocher examine a tranquilized polar bear. Research projects in the North are costly, but some scientists feel more funds may become available as more northern research initiatives gain prominence.

There is no shortage of researchers here able to educate funding agencies on the high costs of conducting research in the North.

The announced supplemental funding to northern researchers announced by NSERC in June "recognizes the higher costs of doing research in the North," said Dr. Andrew Derocher, whose research is providing evidence that climate change is having an adverse effect on polar bear habitats. However, Derocher figured he'd use about 80 - 100 hours of time in a helicopter this summer, which is expensive on its own. The extra \$10,000 provided him "some flexibility," he said, adding: "I can rack up that kind of cost very quickly."

Derocher has warned that Arctic sea ice, the polar bear's primary habitat, faces serious threats due to climate change and that if this change continues unabated, the polar bears will face extinction in the next century. The world's largest terrestrial carnivores, polar bears rely on sea ice to survive, using it to pass between forest dens and hunting grounds where they prey on seals. There are about 15,000 polar bears in northern Canada, accounting for about two-thirds of the world's total population.

"We're looking at long-term changes in (polar bear) population relative to climate change," said Derocher.

Dr. John England, who holds a \$1.75 million NSERC Northern Research Chair in Arctic environmental change, will also benefit from the supplemental funds.

England, who has been studying the North for three decades, is putting together a record of the northern climate by studying the ebb and flow of Arctic ice sheets over the past 60,000 years.

One of six northern research chairs in Canada, and the only one based west of Winnipeg, England says that until we understand the past, we cannot say with certainty that climate changes occurring in the Arctic are out of the ordinary.

Unfortunately, England suspects the worst. Computer simulations from 20 years ago show ice cover shrinking over time. And more sophisticated computer models today, based on more recent data, show unprecedented climate change in the North

will continue.

"If climate models of sea ice reduction are true over the course of the next century it is safe to say we will reach a state where we have no analogues - we are really entering new territory," he said.

Both researchers say the biggest challenge of all is meeting the high costs of working in the North. Derocher, for example, says his research students sleep in ramshackle trailers for \$200 a night.

"You tell people you're spending that kind of money on accommodations and they think you're staying at the Sheraton," he said. "But we're sleeping in run-down Atco trailers."

Travel expenses are similarly priced. Just getting his seven researchers to Resolute Bay - let alone out to their research camps on remote Melville Island and Prince Patrick Island - cost about \$24,000. That expense is followed by more air transport and helicopter fares to do research, as well as ferrying equipment and fuel to remote sites.

"I have to stretch that budget out to fuel the actual research, which is the scientific engine, the important information I am supposed to be pursuing," said Derocher. "Then there is a lot of expensive analysis to do when we get back."

Derocher says increased research funding may result as the International Polar Year draws near, but that depends on the value governments and industry place on the North itself. The Northwest Territories government is a major backer of grizzly bear research Derocher is supervising along the Mackenzie Delta. He says more co-operative research may be the key to greater funding.

"We as a group of northernists need to be clever about how we approach funding organizations. And IPY will try I think to build consortiums across the country and around the world." He says researchers should consider what the research priorities are in the Canadian Arctic, and then assess how they could benefit from the participation of northern neighbours like Russia, Norway and Greenland.

Dr. Martin Sharp, who is studying ice

caps in the North as part of an international project to measure changes in the ice packs, says costs are always a concern. His research group had been at the Devon Island ice cap in April and returned again in mid-August. The Devon Island ice cap is approximately 14,000 square kilometers - covering nearly twice the area of the City of Edmonton.

Sharp has received \$57,000 a year for the past six years from NSERC. During that time, air fares nearly tripled and freight costs skyrocketed from \$2.40 - \$5.60 per kg. By June he had already paid \$24,000 for eight return flights to and from Resolute Bay, NWT and estimated he'd spend up to \$10,000 in freight charges this year.

While much of the research being conducted by the U of A has long-term implications the rewards are immediate. Funding is a major concern, but researchers feel it's worth the anxiety. Spend time speaking with the university's northern researchers and one thing becomes evident: each has a passion for the people and the land that most Canadians say identifies us as a nation.

"We wouldn't be doing this stuff if we didn't love the place," England said of the Arctic. And it's true. His office walls are lined with photos and maps of the North. His conversation is sprinkled with references to the failed and successful expeditions of his predecessors. He has poured scotch over the graves of early Arctic explorers. By pure serendipity, at the top of an Arctic mountain, England literally laid his hands on notes written by participants of the first ever International Polar Year, declared in 1882. England, who was instrumental in helping to establish Canada's northernmost national park, on Ellesmere Island, views his annual excursions as essential in many ways.

"It's like a behavioural bath," he said of being in the Arctic. "You wash off the neurosis and social barnacles that glue themselves to your personage during the year of rush, rush, rush at the university, and the research is exciting and rewarding."

"We have an absolutely remarkable opportunity to experience this environment... I feel remarkably fortunate that people are paying me to do this." ■

Take one for the team

Lockout will last as long as 'average' players and owners can be kept in line

By Dan Mason

As the expiration of the National Hockey League and the NHL Players' Association's current collective bargaining agreement approaches, and it appears at *Folio* press time that it will pass before an agreement is reached, both sides have adopted hard-line stances which could result in no NHL for at least the 2004-05 season, and perhaps beyond. As is the case in any negotiation, the solution to labour uncertainty lies in the two adversaries reaching some kind of middle ground. In this case the degree to which each side does move depends on two key factors: 1) the abilities of the NHLPA's Bob Goodenow and the NHL's Gary Bettman to maintain solidarity amongst their constituents; and 2) where the sport's "average" players and owners really stand with regards to the lockout.

First, let's review what we do know about the negotiations: while a complex and arduous process, the current collective bargaining agreement talks really boil down to a single contentious issue – "cost certainty," as the owners would put it, or "salary cap," as the players would prefer to articulate things. The owners have steadfastly refused to budge from the notion of imposing a restriction on player salaries,

while the leadership of the NHLPA has adamantly stated that it will not agree to any artificial restraint on players' abilities to earn a living. We also know that the interests of fans have not weighed heavily in the stances of the opposing parties.

In anticipation of a prolonged work stoppage, the NHLPA has amassed a \$100 million (US) war chest, while the owners have established a similar fund in excess of \$300 million (US). The owners have claimed they have lost in excess of \$1.5 billion (US) over the course of the current collective agreement and that two-thirds of NHL teams are losing money. The players are leery of such claims, as they were not included in the "independent" audit the NHL commissioned that showed league-wide losses in excess of \$273 million (US) last year. Both sides have waged a public-relations battle in order to garner support from the media and fans.

However, regardless of whether one agrees with the NHL's numbers or the NHLPA's, what we do know for certain is that some teams continue to make money using the current system, while there are a number of others that are in dire financial straits. We know that the owners and players have at least publicly declared their

willingness to outlast the other in order to meet their goals.

What we don't know is how much solidarity there is amongst the owners, and among the members of the NHLPA, and how a prolonged work stoppage will impact this unity. As we saw during the lockout in 1994-95, much to the chagrin of their respective leaders, several owners and players broke ranks as the dispute progressed. And while we do know that some teams continue to make or lose substantial amounts, we really don't know where the middle one-third of teams sit. If we are to believe the NHL, these teams are losing significant amounts of money; if we are to believe the NHLPA, many of these teams are breaking even or even turning a profit – it just depends on how you do the accounting.

We also don't know how much these average players and owners are motivated by money. Owners also get the prestige of being prominent public figures through their ownership of teams and many have been motivated by a desire to win at the expense of fiscal restraint (which has contributed to the financial dilemma faced by owners in the first place!). Thus, we really don't know the point at which these own-

ers will be willing to make less money (or lose a little money) in order to resume the operations of their clubs. And although many disgruntled fans might disagree, many players do enjoy playing the sport. The average player earns roughly \$1 million per season (the average salary of \$1.8 million is misleading because the highest-paid players skew the distribution), and many might be willing to make less to continue to play a game that they love that has a short average career length.

Thus, the question remains: at what point are these average owners and players willing to sacrifice financial rewards to ensure that the game returns? The answer to this question will determine how long the lockout lasts. While both Bettman and Goodenow would have us believe that their constituents are willing to dig in and do whatever it takes to break their opponents over time, having one break at the expense of another will only hurt the game in the long run. As fans we can only hope that there are still some involved who are willing to yield some of their power for the good of the sport – otherwise we all lose.

(Dan Mason is a professor in the Faculty of Physical Education and Recreation. He teaches a course entitled *The Business of Hockey*.) ■

Black widow terrorists a puzzling breed

Media portraits of these women will aid in their recruitment

By Dr. W. Andy Knight

Chechen terrorism has a female face, or so it would seem, after a recent spate of suicide bombings, carried out mainly by women, stirred fear and terror across Russia. Meanwhile, the media spread the "black widow" image of the perpetrators – women willing to die for a cause, taking the lives of innocent people, driven by intimately personal motives of avenging their husbands, brothers, fathers, or sons killed by Russian federal troops in the Chechen wars of 1994-96 and 1999 until present.

While condemning the acts of terror committed by black widows, some of the leading western newspapers and information agencies tend to sympathize with these desperate and war-weary women and to blame Russia's heavy-handed tactics for inciting their brutal acts.

On September 2, only the second day of the school hostage crisis in Beslan, *The Economist* pointed out that "Russia's latest wave of terror attacks has little, if anything, to do with al-Qaeda. But it has everything to do with Mr. Putin's disastrous policy in the north Caucasus." *The Independent* declared that "Russia's brutality has inspired the 'black widows.'" *The Guardian* echoed them, titling one of its articles *Women moved by family not ideology: Chechen violence breeds 'black widows.'* *Frankfurter Allgemeine Zeitung* and France's *Libération* shared similar views.

Without doubt, the horrendous atrocities committed by Russian troops in Chechnya cannot be justified. But people throughout the world and in Chechnya endure occupation, ruin and personal drama without becoming suicide bombers. The profile of a black widow becomes exceedingly puzzling when one is acquainted with the testimonies of their relatives or interviews with female suicide bombers captured alive after failing to carry out their missions.

Zulikhan Yelikhadzhiyeva, 20, who blew herself up at a Moscow rock concert in 2003, apparently had no male relative's death to avenge. Natalia Tsagaroyeva failed to avenge her dead husband, Mahomet Tsagaroyev, with a suicide bomb, but she was his third wife and only 13. In the case of another failed suicide bomber, Zarema Muzhakhoyeva, her husband was killed in a business dispute unrelated to the war.

Such information is scant and undoubtedly should be treated with caution. Yet it shatters the straightforward image of a black widow as a woman driven by personal motives of revenge, makes the phenomenon of female suicide bombers more elusive, and inevitably begs more questions. Who are Chechen black widows? What motivates them to die killing innocent people? Who uses black widows?

Female suicide bombers are a relatively new phenomenon in Chechnya, even though the practice of using women for deadly terrorist attacks has existed in Israel, Lebanon, Syria, Sri Lanka, and Turkey since the 1980s. Back then the Soviet KGB analysts warned that these "live bombs" could be imported to the country and that priority would be given to women, due to the specificity of women's psychology. Their predictions proved correct in June 2000, when the first black widow, Hawa Barayeva, acting on behalf of Chechen rebels, killed 27 Russian soldiers in a suicide bomb attack.

They are known as shakhidki or martyrs. Even though there are theological difficulties in justifying suicide, as the Koran explicitly forbids it, the proliferation of shakhid movement in Chechnya indicated important change in the position of fundamentalist groups, when militant clerics approved female suicide claiming that God rewards the acts of martyrdom.

Driven by a combination of personal, religious, patriotic/nationalistic and social motivations, the ranks of black widows are filled primarily with young women. Among Chechen suicide bombers only two women became widows after 40; seven women were aged from 25 to 35; others were 15 to 16 years old. Some were widows, others never married; some had professional careers, others were unemployed and poor. All were trained by psychologists and demolition experts in special camps. Some were recruited voluntarily; others, after having been "sold" to rebel groups, were drugged, raped, blackmailed and brainwashed until they were ready to commit suicide.

An important factor in understanding the phenomenon of black widows in Chechnya is that they always act on behalf of the rebel groups. Not a single act of suicide bombing was committed on behalf of an individual – a fact that undermines the

personal revenge aspect of the black widows' deadly acts.

Rebel groups deliberately use personal distress to recruit women because theatrical acts of female suicide bombing with overtones of martyrdom and national liberation receive immense media coverage and widespread public attention. Presenting black widows in a sympathetic light, media reports provide not only publicity to their brutal acts, but also a recruitment instrument for rebel groups in the communities where these acts are glorified.

(Dr. W. Andy Knight is professor of political science at the University of Alberta and author of *A Changing United Nations*. Tanya Narozhna is a research assistant and PhD candidate in the U of A Department of Political Science whose work focuses on foreign aid in post-Soviet Russia. This article originally appeared in the September 8, 2004 edition of *The Globe and Mail*.) ■

folio letters to the editor

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Death race the ultimate challenge – almost

Chris Miller hopes to run the event solo next year

By Richard Cairney

Unless you were being chased by a bear, why would you run 26 kilometres through the dark, up and down steep mountain trails? Chris Miller said he did it for fun.

Miller was upbeat about his performance in the gruelling Canadian Death Race in August: "I feel fine," he said, just a couple of days after the race.

"I was a little stiff and had a hard time walking, but that's to be expected."

A senior supply consultant with the University of Alberta's Office of Supply Management Services, Miller joined four of his running mates from the Mill Creek Runners, competing against an international field of teams in the race. Miller's team finished sixth out of 133 teams completing the race, and took second place in the mixed team category.

The team ran a 125-km course in 12 hours, 29 minutes and 49 seconds, crossing three mountain peaks along the way. The event sends the racers up and down treacherous, unforgiving mountain routes, punishing both body and spirit.

Prior to the event, Miller said he wanted to participate in the unusual race because it would be "cool" to say he had done it. Now he's got something even cooler in mind.

"Not only was it cool, I now want to do the whole thing solo," said Miller, who clearly enjoyed running the final, 26-km leg of the race. "I could do it. It would be quite something to do a 125-km race in the mountains . . . if you are responsible enough and smart enough you can do it."

Miller, an experienced marathon runner who helped lead the U of A's Corporate Challenge triathlon team to the podium this spring, expected to be pushed to the limit of his endurance.



Al MacIntosh, Mark Wood, Chris Miller, Darren Berreth and Leslie Fulford at the finish line of the 2004 Death Race in Grande Cache.

The first Death Race was staged five years ago as a way for the mountain town of Grande Cache to diversify its resource-dependent economy. Billed as Canada's toughest race, the course runs a total of 125 km. Over five segments, runners gain a total of 17,000 feet of elevation. The event draws competitors from around the world.

To train for the event, Miller and his teammates, all members of the Edmonton-

based Mill Creek Runners club, travelled to Grande Cache in June to run one of the route's most demanding sections. Three of his fellow runners have competed in Ironman triathlons and one member, Al MacIntosh, completed the Death Race as a soloist in 2002, finishing the race in just over 17 hours, placing fifth among soloists.

Before Miller takes on that challenge himself, he'll take some more time to

savour this year's performance. The key, he said, was teamwork.

"We stayed together as a team. We drove up together, we stayed at the same place and supported each other and cheered each other on and in the end, that's more important than the race – it is team-building. The time we had together will stand out more than the aches and pains." ■

"We stayed together as a team. We drove up together, we stayed at the same place and supported each other and cheered each other on and in the end, that's more important than the race – it is team-building. The time we had together will stand out more than the aches and pains."

– Chris Miller

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Donation will help ensure fair elections in Ukraine

Ontario MP recognizes expertise

By Bev Betkowski

A \$250,000 donation to an institute based at the University of Alberta will help ensure fair presidential elections in Ukraine this fall.

The Canadian Institute of Ukrainian Studies (CIUS) was presented with a cheque from Dopomoha Ukraini-Aid Ukraine organization, a charitable organization that has supported activities in that country for more than a decade. The cheque was presented on campus last week by Ontario Liberal MP Borys Wrzesnewskyj, whose family formed the Dopomoha Ukraini foundation, after his grandparents immigrated to Canada and built up prosperous businesses.

He wasn't there to present the cheque

as a government representative, but as a Canadian with Ukrainian roots, although, as a newly elected MP, Wrzesnewskyj said he could appreciate the importance of democracy.

"You begin to appreciate what Canada has to offer the world."

The election project being funded by the \$250,000 comes at "a critical moment in time" for Ukraine, he added. "This is a critical election. Ukraine is perhaps the only post-Soviet country which still has a viable Opposition. Canada has a role to play."

The donation will be used to fund the Ukraine Transparency and Election Monitoring Project (UTEMP), supporting Ukraine's democratic reforms by

strengthening the understanding of election legislation, policies and procedures, in preparation for presidential elections there. The first round of voting is Oct. 31 and, because no majority winner is expected to be declared, a second round of voting is set for Nov. 21.

UTEMP will send up to 12 Canadian trainers to Ukraine on visits of seven to 14 days to give seminars in four areas of Ukraine, offering training on how to ensure a free, fair election, "using our Canadian experience," said Dr. Bohdan Klid, assistant director of CIUS. The institute is managing the UTEMP project.

During the election, UTEMP will support monitoring activities by Canadians

and others registered as official observers or scrutineers, and will also issue electronic bulletins and hard copies to communicate its findings.

In administering the project, CIUS will be assisted in Ukraine by the Hromadyanska Enerhia, a non-governmental organization that was created by concerned Ukrainians interested in reform.

UTEMP demonstrates how the University of Alberta helps contribute to the community, said Dr. Andrew Greenshaw, Associate Vice-President (Research). "CIUS is a unique part of the U of A and it's a tremendous contribution you are making," he told Wrzesnewskyj. "We hope this (donation) really will make a difference." ■

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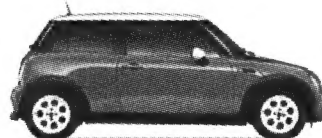
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Endangered list has more depth than commonly thought

When you include symbiotic relationships, many more species are at risk

By Phoebe Dey

The global extinction crisis ignores thousands of affiliated species that are also at risk of being wiped out, making the list of endangered species much larger and more serious than originally thought, says a study produced in part at the University of Alberta.

"What we found is that with extinction of a bird, or a mammal or a plant, you aren't just necessarily wiping out just one single species," said Dr. Heather Proctor of the U of A's Department of Biological Sciences. "We're also allowing all these unsung species to be wiped out as well."

Proctor and a research team led by Lian Pin Koh of the National University of Singapore and Robert Dunn from the University of Tennessee, calculated the expected levels of co-extinction across a diverse selection of host and associate systems. Their research is published in the current edition of the journal *Science*.

The team first compiled a list of 12,200 plants and animals currently listed as threatened or endangered. They then looked at the diverse selection of insects, mites, fungi and other organisms that are uniquely adapted to the threatened host. The researchers found that at least 200 affiliate species already have historically been lost through co-extinction and that a further 6,300 should be classified as 'co-endangered'.

"What we wanted to learn was, if the host goes extinct, how many other species will go with it?" said Proctor. "It would be easy if there were always a one-to-one relationship with a host and its affiliate,



Dr. Heather Proctor, centre, works with honours student Wayne Knee and visiting professor Mauricio Barreto from Colombia, to examine the types of mites associated with pelicans. A wide host range of blood-feeding mites increases the chances of disease spread among many species of birds. Proctor is also interested in feather mites as a characteristic that could explain relationships between different types of birds.

however, not all parasites, for example, are restricted to a single host species. The trick was in trying to determine how many other species could act as hosts and factoring that degree of dependence into the study."

The researchers believe these pro-

cesses have been largely overlooked in the past because some of the most susceptible organisms are uncharismatic parasites, but other more popular animals are also at stake.

Proctor cited the example of a type of vine that became locally extinct in

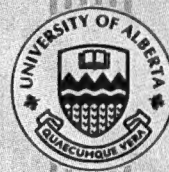
"When we lose this vine, this beautiful butterfly dies off with it, and we'll never see it again except in photographs at museums. And when that happens, it can never be recovered."

— Dr. Heather Proctor

Singapore, taking along with it a species of butterfly, *Parantica aspasia*, that was dependent on the host plant for survival. "When we lose this vine, this beautiful butterfly dies off with it, and we'll never see it again except in photographs at museums," Proctor said. "And when that happens, it can never be recovered."

While this new research has implications for theoreticians who calculate endangered species, the moral issue is even more significant and should suggest more efforts to maintain the original species, said Proctor. The loss of species through co-extinction represents the loss of irreplaceable evolution and co-evolutionary history, say the researchers, and should have immediate implications for local conservation and management decisions. ■

Reunion 2004



EVERGREEN & GOLD — SEPT 30 TO OCT 3

All alumni, faculty, and staff are invited to join in the University of Alberta's annual reunion event. For more information or to register go to our website at www.ualberta.ca/alumni/reunion or call the Office of Alumni Affairs at (780) 492-3224 to have a brochure and registration form sent to you.

EVENTS

Thursday, September 30

Alumni Recognition Awards Ceremony & Reception

Time: Ceremony: 5:30 – 6:45 p.m.
Reception: 6:45 – 7:45 p.m.

Place: Myer Horowitz Theatre, Students' Union Building
Cost: Free

Join us at a gala ceremony as awards are presented to distinguished alumni who have brought honour to themselves and their alma mater in a multitude of ways. Thirty-six individuals will receive awards in four categories, recognizing their unique achievements and outstanding contributions to their professions, their communities and to society at large.

Following the ceremony, meet the recipients at a complimentary reception. A complete list of this year's award recipients can be found at www.ualberta.ca/alumni/recognition.

Friday, October 1

Alumni Walk Opening Ceremony

Time: 5:15 – 6 p.m.

Place: Quad
Cost: Free

Join us at the opening ceremony for Alumni Walk, a new landmark on the U of A campus that symbolizes the lifelong relationship between alumni

and their alma mater. This beautiful brick plaza with seating areas will enhance the historic Quad and serve to connect alumni, students, and the University community.

Following a short program and ribbon-cutting event, there will be a complimentary reception.

Welcome Back Western Round Up

Time: 6 – 9 p.m. (food service until 8:30)

Place: Heated Tents in Quad

Cost: \$15 per person

Put on your blue jeans and join us for this western-themed event in the centre of campus. The Round Up offers an informal opportunity to catch up with your classmates while enjoying a casual dinner of beef on a bun. There is no formal program planned for the evening (but if you come early you catch the opening of the Alumni Walk) so this will be a perfect opportunity for you to renew acquaintances.

Saturday, October 2

Faculty Events

Time: Varies

Place: Varies

Cost: Varies — many are free

Over 20 events have been planned by various faculties to help welcome you back to campus. Check the Reunion website at www.ualberta.ca/alumni/reunion for all the details.

Campus Tours

Time: 1 – 2 p.m.

Cost: Free

Place: Meet at the Information Booth in the Students' Union Building

If it has been a while since you've been back on campus, you may have noticed that things have changed. Take advantage of these free tours to reacquire yourself with campus.

Empey Lecture — Aging Faces

Facing Aging

(Hosted by the Department of Human Ecology)

Time: 2 – 3:30 p.m.

Place: Myer Horowitz Theatre, Students' Union Building

Cost: Free

How are stereotypes of a graceful and wise old age helpful, and what limits do they impose? Dr. Sally Chivers, Trent University, puts mass media images into context and asks how we can imagine later life anew.

The Dynamos, an inspiring group of senior gymnasts, will kick off the lecture with tumbling and rhythmic gymnastics. Following Dr. Chivers' lecture, The GeriActors, a seniors theatre company that writes and performs its own material, will play out its take on aging well.

Golden Bears Football & Tailgate Party

Time: Tailgate Party: 5:30 p.m.; Game: 7 p.m.

Place: Saville Sports Centre/Football Field

Cost: \$12 per person (includes game ticket and chili)

U of A Athletics is serving up some Dinosaur Chili as the Bears football team takes on the Calgary Dinos.

Reunion Dinner & Dance

Time: Cocktails: 6 p.m.

Dinner: 7 p.m.; **Dance:** 9 p.m.

Place: Northlands Agricore, Hall A

Cost: \$65 per person

Celebrate in style at the most glamorous Reunion 2004 event. Enjoy the camaraderie and nostalgia of this special evening celebration. After dinner, dance to the sounds of a live band or continue to reminisce with your friends.

Sunday, October 3

President's Breakfast

Time: 9:30 – 11:30 a.m.

Place: Crowne Plaza Chateau Lacombe

Cost: \$10 per person

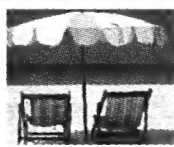
Grads from 1954, 1949, 1944, 1939, and prior years are invited to join their classmates for breakfast as the special guests of University President Roderick D. Fraser and Mrs. Judith Fraser.

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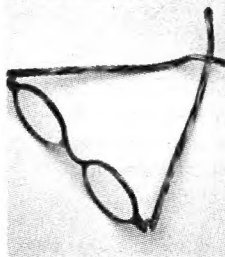
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talks & events

Submit talks and events to Cora Doucette by 3 p.m. Thursday one week prior to publication. Folio Talks and Events listings will no longer accept submissions via fax, mail, e-mail or phone. Please enter events you'd like to appear in Folio and on ExpressNews at: <http://www.uofaweb.ualberta.ca/events/submit.cfm>.

SEP 17 2004

Centre for Research on Literacy Developmental Change in Narrative Thought. Presented by Dr. Anne McKeough from the University of Calgary. 1:30 - 2:45 p.m. 651a Education South.

Frontiers in Biology Distinguished Lecture Series The Department of Biological Sciences is pleased to announce the 2004 Frontiers in Biology Distinguished Lecturer, Patrick H. O'Farrell of the Department of Biochemistry and Biophysics at the University of California - San Francisco. Dr. O'Farrell's lecture, "Exiting Mitosis with Style", will take place on Friday, September 17 at 3:00 p.m. in 1-017 ETL. Following the Lecture, please join us for a Wine & Cheese Reception in CW 410 Biological Sciences Building. 3:00 p.m..

Health Ethic Seminars Extreme Makeover Ethics: Health or Homogeneity? Lisa Shields, BA, LLM. 12:00 - 1:00 p.m. Room 207, Heritage Medical Research Centre.

SEP 20 2004

Dept. of Psychiatry Research Day Psychiatry Research Day Plenary Lectures: 1. Dr. Kelly Klump, Assistant Professor, Dept. of Psychology, Michigan State University. Topic: Twin Studies of Eating Disorders: Genetic, Environmental and Developmental Influences. Location: Neuroscience Lecture Theater (Heritage Medical Research Building) Date and Time: 9-10 a.m. 2. Dr. Gary Burlingame, Professor, Dept. of Psychiatry, Brigham Young University. Topic: We've Come a Long Way! A Brief Review of Evidence for Small Group Treatments and Putative Mechanisms of Action. Location: Classroom D (Mackenzie Health Sciences Centre) 10:30-11:30 a.m. Student Presentations will be held in the Neuroscience Lecture Theater from 1:00 - 3:00 p.m. Poster Session in Bernard Snell Hall (Mackenzie Health Sciences Centre) from 3:00 - 4:30 p.m. All interested students/faculty are welcome to attend.

Rural Economy Seminar Douglas MacMillan and Nele Leinhoop, Department of Geography and Environment, University of Aberdeen, Scotland. Seminar titled: "Stated Preference Studies: Environmental Polling or Preference Engine?" 3:00 pm in Room 550 General Services Building.

SEP 21 2004

Make the Best Use of Your Memory Learn about the stages of memory, rote vs. meaningful strategies, reasons for memory failures and how to improve your concentration. Must pre-register at 2-703 SUB. 2:30 p.m. to 3:30 p.m. 2-725 SUB.

SEP 22 2004

Read Textbooks the Expert Way Learn how to make the most of your reading time, how to learn and remember what you read, and get some "high level" reading tips. Must pre-register at 2-703 SUB. 3:00 p.m. to 4:00 p.m. 2-725 SUB.

Rural Economy Brown Bag Seminar Jill Hobbs, Associate Professor, Department of Agricultural Economics, University of Saskatchewan. Seminar titled: "Willingness to Pay for Traceability: Evidence from Experimental Markets". 12:00 p.m. Room 550 General Services Building.

SEP 23 2004

Under the Northern Lights: The Boreal Forest An Interdisciplinary Environmental Lecture Series 16 Thursdays, September 23, 2004 to March 24, 2005, 4:30 p.m. to 5:30 p.m. Leading researchers will be speaking about the viability of the boreal forest and presenting solutions to its problems. 4:30 p.m. to 5:30 p.m. Room 120 V-Wing Lecture Theatres.

Department of Chemistry A Convergent and Enantioselective Synthetic Route to the Tetracycline Antibiotics. 2004 Boehringer Ingelheim Lecture presented by Professor Andrew G. Myers, Department of Chemistry and Chemical Biology, Harvard University, Cambridge, MA. 1:00 p.m. to 2:00 p.m. V-128 Physics Wing.

Trouble in the Woods: Canada's Boreal Forest Canada's and the world's boreal forest has increasingly emerged as a powerhouse of industrial activity and of conservation interest. Peter Lee, Executive Director, Global Forest Watch, will focus on Canada's boreal forest but in a global context, discussing the state of the ecosystem, the state of industrial activity, emerging issues and projections. 4:30 p.m. to 5:30 p.m. Room 120 V-Wing Lecture Theatres.

SEP 24 2004

High Performance Computing Update High Performance Computing Update Glenn Bontje

- HP Canada. In this two hour session, Glenn Bontje from HP will discuss recent announcements from his company, with exploration of servers powered by XEON, Opteron and Itanium processors. In addition, he will explore three new initiatives, built on Free and Open Source Software tools, that deliver greater capability, manageability and scalability than is available anywhere else. Combined, these three make cluster computing more than just raw theoretical performance; they provide a powerful environment to support scientific research. 12:00 p.m. to 2:00 p.m. ETL E6-060.

SEP 25 2004

Crafters Natural Creations Workshop & Gallery Fall Sale The last weekend in September, the Crafters Natural Creations Workshop & Gallery will be overflowing with the unique and one-of-a-kind creations for your shopping pleasure. In addition to dried flower arrangements, you will find potpourri items, pressed flower cards, pictures and jewelry, handmade soaps and creams, candles and dried bundles for your own designs. Admission free to attend the Craft sale and to view the Garden. So take a drive and enjoy the fall colors and pay us a visit! Door prizes will be awarded. 10:00 a.m. to 4:00 p.m. Devonian Botanic Garden (25 minutes South West of West Edmonton Mall or 5 KM North of the Town of Devon on Hwy. 60).

Strategies for Learning Anatomy & Physiology Learn useful strategies for dealing with the vast amount of information you have to learn in anatomy and physiology courses. Must pre-register at 2-703 SUB. 10:00 a.m. to 12:00 p.m. CAB 373.

Second Annual Awards Dinner The nominations are in! Reserve your spot now. Awards will be presented to the winners of Clinical Excellence in: Occupational Therapy Physical Therapy Speech-Language Pathology and Audiology Silent auction. 6:00 p.m. The Westin Hotel.

SEP 26 2004

Traditional Japanese Tea Ceremony Tea ceremonies will be hosted at the Ozawa Pavilion which is an authentic Japanese Tea House, set in the tranquil Kurimoto Japanese Garden. Sittings will be held at 1:30, 2:15 and 3:00. Maximum of four people for the 1:30 and 2:15 sitting and a maximum of twenty people for the 3:00 sitting. Explanation of the tearoom and tea ceremony will be given to the general public, as well as Japanese sweets and tea powder. Experience this Japanese custom in a unique setting. Cost \$5.00 per person. General admission rates apply. Tickets available on a first come basis. 1:30 p.m. to 3:00 p.m. Devonian Botanic Garden (25 minutes South West of West Edmonton Mall or 5 km North of the Town of Devon on Hwy. 60).

SEP 27 2004

Academic Integrity in Assignments When we think about plagiarism, we usually associate it with term papers but it can also appear in other work. Whether class assignments are designed for group or individual work, this can be an area where inappropriate academic behaviour is tempting. This session will review possible pitfalls in assignments and the process by which inappropriate academic behaviour should be addressed. Feel free to bring ideas for preventing plagiarism in assignments. 3:00 to 4:30 p.m. CAB 235

General Faculties Council meeting New Business: Administrative Information Systems (AIS) Progress Report for September 2003 - March 2004: For Discussion and to Receive for Information; Reapportionment of GFC Seats Arising from the Establishment of Augustana Faculty: For Information; Campus Security Services (CSS) Report to the Community for 2002-2003: For Discussion and to Receive for Information; Faculty of Medicine and Dentistry/Proposed Establishment of the Department of Emergency Medicine: Recommendation of the GFC Academic Planning Committee (APC); University Budget Presentation for 2005/2006 Preliminary Forecast - Information Session; Budget Process Principles for 2005/2006 for Approval: Recommendation of the GFC Academic Planning Committee (APC); GFC Workplan: For Discussion and to Receive for Information; Campaign 2004: Presentation by the Office of Vice-President (External Relations); United Way Campaign: Oral Update by the Vice-President (Finance and Administration). 2:00 p.m. 2-1 University Hall (Council Chamber).

SEP 28 2004

Graduate Support and Strategy Group Are you a graduate student? Would you find it beneficial to discuss concerns/challenges/experiences?

ences related to being a grad student? (conducting research, supervisory relationship, being a TA). Learn about problem solving, coping strategies, campus resources and share your experiences with others. Every other Tuesday (ongoing) starting on September 28th, 2:30 p.m. - 4:00 p.m. Phone 492-5205 or drop by Student Counselling Services, 2-600 SUB, to sign up! 2:30 p.m. to 4:00 p.m. 2-600 Student Union Building.

MICK PRICE RETIREMENT RECEPTION

The Department of Agricultural, Food and Nutritional Science invites you to attend Dr. Mick Price's retirement reception. The BBQ will be held at the Alberta Poultry Research and Technology Centre (APRTC), located at 115 Street and 60th Avenue. The department will be hosting this reception to honour Mick Price on the occasion of his retirement as Professor, Livestock Growth and Meat Production - 1976 to 2004. Program will commence at 5:15 p.m. Contributions to a memorabilia of photographs, humorous articles, poems, congratulatory letters for binding and presentation to Mick Price can be sent to Andrea Kirkman. For additional information and RSVP please contact Andrea Kirkman at Tel:(780) 492-0379; Fax: (780) 492-4265; or e-mail: andrea.kirkman@ualberta.ca Please RSVP by September 15th. If you wish to donate a gift to the Bar None Endowment Fund in honour of Mick Price please see: www.ualberta.ca/donateonline or mail cheque made payable to "University of Alberta" directly to Andrea Kirkman at 4-10 Agriculture Forestry Centre, University of Alberta, Edmonton, Alberta, T6G 2P5. 4:30 p.m. to 8:00 p.m. Alberta Poultry Research Centre, 115 Street and 60th Avenue.

How to Take Great Notes Learn strategies for taking effective notes in class, different note-taking systems and how to work with web-based and instructor notes. Must pre-register at 2-703 SUB. 2:30 p.m. to 3:30 p.m. 2-702 SUB.

Accent Doesn't Have to be an Obstacle

When students complain that they don't understand presentations because of their instructor's accent, what are they reacting to? The panelists at this session will describe several factors that affect the intelligibility of ESL speakers in the classroom or lab. Teaching strategies to assist with student comprehension will be suggested, followed by an interactive discussion in which instructors can identify their own concerns. 3:30 p.m. to 5:00 p.m. CAB 235.

SEP 29 2004

How to be an Effective Guest Lecturer

Seminars given by visiting lecturers are a well-established part of academic life. Despite the intellectual content and the unquestioned wisdom of the presenter, such seminars can be experienced by the audience as boring or irrelevant. The consequence of presenting a seminar that is viewed in this light is that the speaker will not be invited back. This session provides some suggestions as to how we can make our guest presentations more successful. 3:00 p.m. to 4:30 p.m. CAB 235.

PHS Grand Rounds Dr Konrad Fassbender, Senior Research Associate, Alberta Cancer Board Palliative Care Research Initiative and Adjunct Assistant Professor, Department of Public Health Sciences "Health Reform, Technological Innovation and the Economics of Symptom Control for Terminally ill Cancer Patients: Implications for the Sisyphus Hypothesis." 12:00 p.m. to 1:00 p.m. Room 2-117, CSB.

Social Anxiety and Shyness Group Do you feel ANXIOUS when you are: public speaking; meeting strangers; eating in public places; talking to people in authority; speaking to members of the opposite sex; looking people in the eyes? If so, join this group! 8 Wednesdays from 2:00pm - 4:00pm starting on September 29th. Phone 492-5205 or drop by Student Counselling Services, 2-600 SUB to sign up. 2:00 p.m. to 4:00 p.m. until Wed. November 17, 2004. 2-600 Students' Union Building.

Increasing Motivation & Decreasing Procrastination Learn the causes of low motivation, how to set goals, reasons for procrastination and how to become a "mastery-oriented" learner. Must pre-register at 2-703 SUB. 3:00 p.m. to 4:00 p.m. 2-702 SUB.

SEP 30 2004

Book Launch for 'Edmonton In Our Own Words', the official book of Edmonton's Centennial Edmonton In Our Own Words is a collection of stories from Edmonton's past and present. It includes many never-before-seen photographs from private collections, as well as historic maps and a timeline of Edmonton's history. Join Linda Goyette and Carolina Roemmich for an evening of stories to celebrate the City of Edmonton's 100th birthday. Reception and book signing will follow the program. Presented by the University of Alberta Press, Edmonton Public Library, and LitFest 2004. Please RSVP 944-7962 as space is limited. Admission is free. 6:30 p.m. to 9:00 p.m. Stanley A. Milner Library Theatre.

Create a Frustration-Free Research Assignment Faculty have the power to influence undergraduate students' development as seekers and users of information, now and for life. Is your research assignment addressing your students' need to learn the difference between google.com and substantive research? We will explore how collaboration between faculty and librarians can strengthen the impact of your research assignment. You will leave with some guidelines and new ideas for your research assignment design. 3:30 p.m. to 5:00 p.m. CAB 235.

Public Lecture by Dr. Angeline Martel, professor of sociolinguistics and second/foreign languages (Université du Québec) "Education within Francophone and Acadian Communities of Canada in the Context of Globalized Ideologies: Quantifying the Concept of Solidarity". This lecture is part of the Louis Desrochers Lecture Series in Canadian Studies. Delivered in French with English translation. 7:30 p.m. Grand Salon, Centre Saint-Jean, 8406 - 91 Street, Edmonton.

OCT 01 2004

Department of Philosophy "Robert Nozick, Libertarian?" Paul Boaheng, Department of Philosophy, University of Alberta. 3:30 p.m. Humanities Centre 4-29.

Drawing Out the Shy Student In just about every class we teach, there are students whose shyness prevents them from participating in class discussions. We want to encourage and help them to participate, while also respecting their shyness. How can this be accomplished? Those who share this concern are invited to discuss their suggestions and experiences. 12:00 p.m. to 1:45 p.m. CAB 219.

Mechanisms of Long-Term Survival and Evolution in E. coli Guest Speaker Steve Finkel with Molecular and Computational Biology at the University of Southern California is giving a seminar on "Mechanisms of Long-Term Survival and Evolution in E. coli." Faculty of Science, Department of Biological Sciences, Molecular Biology and Genetics Group and Genetics 605 Students seminar. 3:30 p.m. M-149 Biological Sciences Building.

OCT 02 2004

Safewalk Alumni Chapter Annual General Meeting The Safewalk Alumni Chapter Annual General Meeting is set for October 2 at 4 p.m. All Safewalk Alumni and current Safewalk volunteers are invited to attend. Items for discussion include election of 2004/05 executive, fundraising goals and annual event cycle. Hope to see you there! 4:00 p.m. to 6:00 p.m. Education 106

Safewalk Alumni Chapter Annual General Party After the Annual General Meeting, The Safewalk Alumni Chapter members and their guests are invited out to renew old acquaintances and celebrate in Safewalk traditional style...! 7:00 p.m. to 11:00 p.m. location TBA.

AmiGALA L'AmiGALA, une soirée pour renouer connaissance avec d'anciens amis et célébrer nos lauréats 2004! L'Association des diplômés, anciens et amis de la Faculté Saint-Jean (l'Amicale Saint-Jean) aura son Assemblée Générale à 17h, suivi d'un cocktail et souper à 18h. La soirée sera clôturée par la présentation des Prix de reconnaissance à 20h. Venez vous joindre à nous! Les billets sont en vente dès maintenant, au coût de 35\$. Centre Saint-Jean (8406-91 rue), Edmonton.

Meet and Greet Brunch at Fiore Cantina Fiore Cantina The menu at this intimate restaurant in the university area has a wide variety of choices and is within walking distance of Dentistry/Pharmacy. We will walk over from Dentistry/Pharmacy Open House in the morning and then walk to the Empey lecture after brunch on Saturday October 2 from 11:00 a.m.-2:00 p.m. Address: 8715-109 Street Edmonton AB Tel: 1-780-439-8466. Reservation Cathcart. 11:00 a.m. to 2:00 p.m. Address: 8715-109 Street Edmonton AB.

Open House 2004 Our annual Open House on campus offers you many ways to learn about the variety of programs available and your future career opportunities with a U of A degree. You can take personalized tours of the campus as well as speak with professors, program advisors, current students and alumni who will be on campus for Reunion Weekend. 9:00 a.m. to 4:00 p.m. Universiade Pavillion.

Reunion Weekend Speakers Forum All members of the community are invited to learn about current research and innovations that are taking place at the University of Alberta. The Faculty of Graduate Studies and Research and the Graduate Student Association are proud to host a forum of concurrent presentations by post-doctoral fellows, graduate and undergraduate students from departments across campus. The talks will be informative, entertaining and will highlight key discoveries by researchers. Presentations are aimed at a general audience and will be grouped by related topics. Please check the following website for a schedule of the talks (www.ualberta.ca/outreach/openhouse). 10:00 a.m. to 3:45 p.m. 1-6, 1-7, 1-9 Business.



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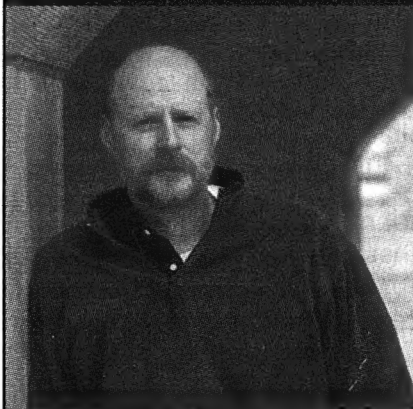
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Monday, October 4, 2004 • 4:30 pm (MT) • Room 1-007 E T L C • (Engineering Teaching & Learning Complex) • Reception to Follow

If you are unable to attend the seminar please note it will be "Webcast live" at

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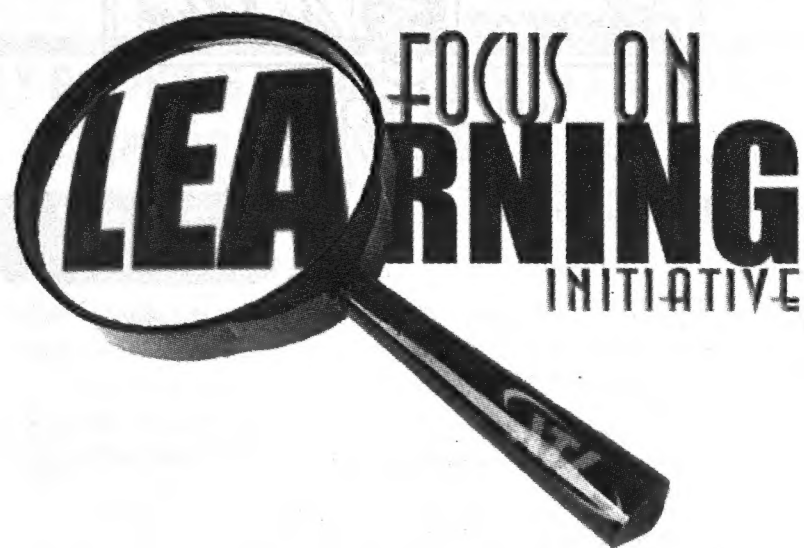
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- *The Scientific Writer*, Ed Struzik, starts Oct. 5
- *Writing for Magazines and Other Publications*, Bernie Bloom, starts Oct. 16
- *Writing Skills: Improving Style and Clarity*, Alan Rutkowski, starts Oct. 21
- *Writing and Editing for the Web*, Angela Wiens, Nov 6

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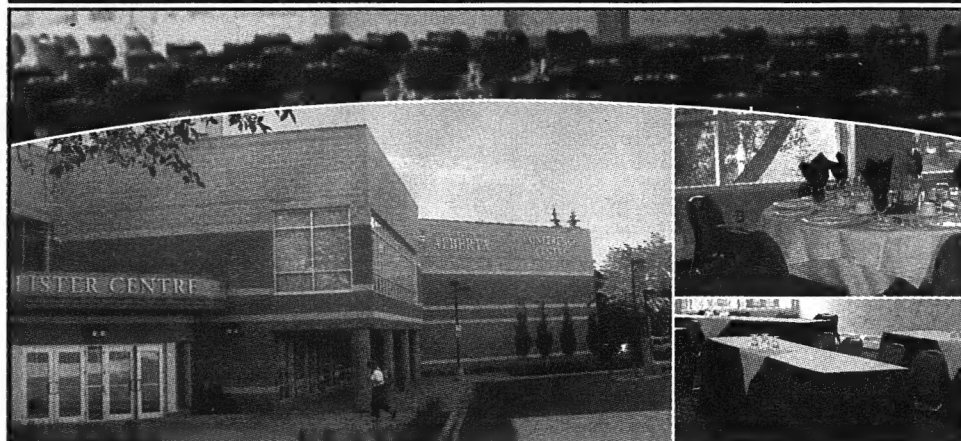
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SENIOR ASSOCIATE OR FULL PROFESSOR/EXECUTIVE DIRECTOR (PRL) DEPARTMENT OF SOCIOLOGY

The Department of Sociology invites applications for a tenure track position at the senior associate or full professor level for the position of executive director of the department's Population Research Laboratory, commencing July 1, 2005. A PhD is required.

The Population Research Laboratory is the largest university-based survey and demographic research facility in Western Canada. The mission of the PRL is to facilitate the teaching, research and service goals of the Department of Sociology, the Faculty of Arts, and the larger university community. The PRL was established in 1966 and is a centre for social science research at the University of Alberta. Clients of the PRL have included academic researchers, government departments and agencies, regional health authorities, professional associations and non-profit organizations.

The executive director will be expected to develop an independent research program, actively seek research grants and contracts, co-ordinate faculty research efforts, develop a strategic vision and provide administrative leadership to the PRL. The successful candidate will have demonstrated success in obtaining grants, publishing in the social sciences and should exhibit a commitment to interdisciplinary research.

Applicants should submit a letter of intent, curriculum vitae, and arrange for three confidential letters of reference to be sent by December 15, 2004 to:

Dr. R. A. Sydie, Professor and Chair
Department of Sociology
University of Alberta
Edmonton, Alberta T6G 2H4 Canada
Fax: (780) 492-7196

For additional information, the Sociology website is at www.arts.ualberta.ca/socweb/

spinal disorders, movement disorders and rehabilitation, child development and aging. Many opportunities for research collaboration are also available on campus, such as the Alberta Centre on Aging, the University Centre for Neuroscience, the Institute of Health Economics, Alberta Heart Institute, the Alberta Provincial CIHR Training Program in Bone and Joint Health, the Centre for Health Promotion Studies, the Community University Partnership for the Study of Children Youth and Families, the Perinatal Research Centre and the Health Care Quality Outcomes Research Centre. Close working relationships exist with the Glenrose Rehabilitation Hospital and other community-based programs in physical therapy. This provides a dynamic, rich environment for physical therapy education and research. Numerous members of the department are also actively engaged in international education, service and research programs.

Rank and salary will be commensurate with qualifications at the Assistant Professor or Associate Professor level. The positions are available immediately. Review of applications will commence on Jan 15, 2005 and continue until the positions are filled. Interested applicants should send curriculum vitae and a statement of teaching and research interests to:

Dr. Albert Cook, Dean
Faculty of Rehabilitation Medicine
3-48 Corbett Hall
University of Alberta
Edmonton, Alberta, Canada T6G 2G4
Phone: 780-492-5991
Fax: 780-492-1626

ASSISTANT PROFESSOR DEPARTMENT OF SOCIOLOGY

The Department of Sociology invites applications for two tenure-track positions at the Assistant Professor level in the areas of Social Inequality/Social Policy and Classical Social Theory, commencing July 1, 2005. The benefits package is comprehensive. PhD is required at the time of appointment, and applicants must demonstrate a strong record/outstanding potential for research, excellent communication and teaching skills, and leadership potential.

(1) Social Inequality/Social Policy: Preference will be given to applicants with teaching and research interests in poverty, social class, race/racism, and related areas of social inequality and who emphasize the social policy implications of their research.

(2) Classical Social Theory: Preference will be given to applicants with teaching and research interests in comparative historical sociology, social and political thought, and sociology of knowledge.

Applicants should submit a letter of intent, curriculum vitae, and arrange for three confidential letters of reference to be sent by January 10, 2005 to:

Dr. R. A. Sydie, Professor and Chair
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TENURE TRACK FACULTY POSITIONS DEPARTMENT OF PHYSICAL THERAPY

Applications are invited for tenure-track positions in the Department of Physical Therapy at the University of Alberta. The department offers two degrees: an entry-level MPT degree, and a thesis-based, MSc degree in physical therapy. The department also participates fully in an interdisciplinary PhD degree program in rehabilitation science.

Qualified candidates should hold a doctoral degree and have a proven record of scholarly activity in teaching and research. Candidates should have a well-defined research agenda. Evidence of successful grant applications will be advantageous. All areas of research related to physical therapy are of interest. Responsibilities will include teaching in both the entry-level and thesis-based programs, and maintaining an active research program.

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quality of teaching research and curricula development in the university. Funding priorities include research projects that have the potential of contributing to the increased effectiveness of university teaching, learning, and curricula development.

Application forms are available from the Office of the Vice-Provost, 2-10 University Hall, phone: 2-1503; also on our website <http://www.uofaweb.ualberta.ca/provost/AwardsFunding.cfm>

EFF – DISTINGUISHED VISITORS FUND

– Application Deadline
The deadline for receipt of applications to the EFF – Distinguished Visitors Fund is September 30.

This fund was established to support visits to the University of Alberta by individuals who are widely recognized, who have achieved a high level of distinction in their field, and whose presence on this campus is likely to have a significant impact. Visits are to be for not less than five working days.

Application forms are available from the Office of the Vice-Provost, 2-10 University Hall, phone: 2-1503; also on our website <http://www.uofaweb.ualberta.ca/provost/AwardsFunding.cfm>

Ranked applications are to be submitted by the appropriate Dean for visits during the current or subsequent academic year. Check with the Dean's office for their internal deadline.

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EFF – FSIDA (FUND FOR SUPPORT OF INTERNATIONAL DEVELOPMENT ACTIVITIES)

Application Deadline
The deadline for receipt of applications to the EFF – FSIDA is 4:30 p.m., October 15, 2004. The next competition deadline dates are January 15, and April 15, 2005.

This Fund exists to enable staff and graduate students (normally PhD candidates) of the University of Alberta to participate in research and in the international transfer of knowledge and expertise through partnerships in developing countries.

Applications and guidelines are available on the University of Alberta International website <www.international.ualberta.ca> under "International Cooperation" and "Funding Opportunities" or from the FSIDA Secretary at University of Alberta International, 1204 College Plaza, 8215-112 Street, telephone 492-6440.

EFF - UNIVERSITY TEACHING RESEARCH FUND

– Application Deadline
The deadline for receipt of applications to the EFF - University Teaching Research Fund is October 15.
This fund was established to encourage and support research on teaching-learning. The primary purpose of this fund is to enhance the level and

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Reading her audience

Design student learns how to help children learn

By Sean Benbow

Designing online icons for children was only part of Constanza Pacher's thesis project for her master's degree. Her exhibit in the FAB Gallery, titled *Visual Tools for Children's Online Reading Clubs*, shows the research and work involved in bringing the concept of an online reading club for children to something tangible.

An online reading club for children is a relatively new concept, and Pacher was inspired by her mother and a course at university. "My mother is a literature professor, and she has a reading club at home (in Argentina), and when I took a course in education, they said the best approach to reading is to discuss with peers," Pacher said. "I thought it would be nice to take it out of the classroom and into the online

environment, so it's not just limited to school," she added.

The exhibit is the final project in Pacher's Master of Design in Visual Communication Design degree.

Pacher said the most challenging part of the process was making an online environment friendly. "Online communication is text-based, and it's a very cold communication. Being a designer, I wanted to bring visual tools to help children communicate in a playful way."

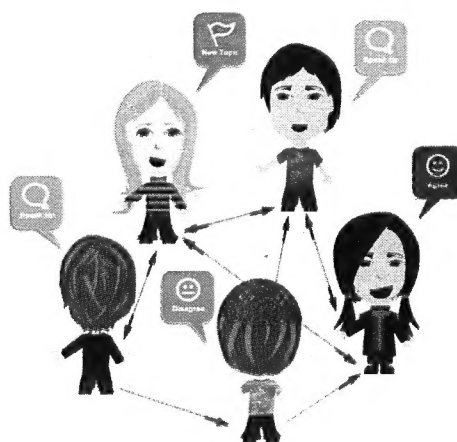
Enlisting the help of 23 10- and 11-year-old children from the Child Studies Centre at the University of Alberta, Pacher developed a paper prototype of her concept and received feedback from the children. Her original concept was to have the club accessible to the public, but the children didn't agree with having it open for anyone to see. "I learned that you should never underestimate children," she said. "They're really aware that bad things can happen online... and they want something more controlled."

Pacher said the children felt much safer in a club that had restricted access. The children also told Pacher that they wanted to customize their user icons, and they helped design a website layout.

"I don't want to go back to designing brochures and posters," she said. "I want to continue doing research."

Pacher plans on continuing this project and developing a prototype website that can be tested by more children, especially those who don't have extensive computer knowledge.

"There are many, many possibilities," Pacher said. "This reading club could be used by teachers to monitor discussions outside of school, and it could even be used to communicate between schools in different countries." ■



Constanza Pacher's thesis project for her master's degree involved designing a website for kids. The project began with conceptual schematic drawings to map out the site, and was refined in focus-group sessions with 23 10- and 11-year-old children from the Child Studies Centre at the University of Alberta.

folio **back**
page

